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Attorney Docket No.: 018512-000130US

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TOWNSEND and TOWNSEND and CREW LLP

TECH CENTER 1600/2900

By Karen Karlin

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Salkoff et al.

Application No.: 09/519,076

Filed: March 6, 2000

For: A PH SENSITIVE POTASSIUM CHANNEL IN SPERMATOCYTES

Examiner: N. Basi

Technology Center/Art Unit: 1646

AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed March 11, 2003, please enter the following amendments and remarks. A petition for extension of time to respond for one month from June 11, 2003, to July 11, 2003, is filed concurrently herewith.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.